What is claimed is:

1. Wireless microphone comprising a radio transmitter for transmitting radio signals carrying audio signals to a hearing device,

wherein the wireless microphone comprises at least one coupling element for detachably fixing one of various interchangeable functional modules to the wireless microphone, said coupling element comprising electrical contacts for electrically connecting the interchangeable functional module to the wireless microphone when the interchangeable functional module is fixed to the wireless microphone by means of said coupling element.

2. Wireless microphone according to claim 1, wherein the coupling element constitutes a bidirectional electrical interface between the wireless microphone and the interchangeable functional module fixed to the wireless microphone.

3. Wireless microphone according to claim 1, wherein the coupling element is designed to fix the interchangeable functional module to the wireless microphone by mating with a coupling element of the interchangeable functional module.

4. Wireless microphone according to claim 1, wherein electronic modules of the wireless microphone are connected to one or more of the electrical contacts for bidirectional exchange of electrical signals between said electronic modules and the interchangeable functional module fixed to the wireless microphone.

5. Wireless microphone according to claim 1, wherein the wireless microphone comprises an electronic control module, said electronic control module being connected to one or more of the electrical contacts for exchang-

ing electrical control signals with the interchangeable functional module fixed to the wireless microphone.

6. Wireless microphone according to claim 5, wherein the wireless microphone comprises operating elements, said operating elements being connected to the control module, and said control module being designed for transferring electrical control signals to the interchangeable functional module fixed to the wireless microphone in response to operation of said operating elements.

7. Wireless microphone according to claim 1, wherein the wireless microphone comprises an electronic audio processing module, said electronic audio processing module being connected to one or more of the electrical contacts for exchanging electrical audio signals with the interchangeable functional module fixed to the wireless microphone.

8. Wireless microphone according to claim 1, wherein the wireless microphone comprises an electronic audio processing module, said electronic audio processing module being connected to one or more of the electrical contacts for receiving electrical control signals from the interchangeable functional module fixed to the wireless microphone.

9. Wireless microphone according to claim 1, wherein the radio transmitter is connected to one or more of the electrical contacts for exchanging electrical signals with the interchangeable functional module fixed to the wireless microphone.

10. Wireless microphone according to claim 1, wherein the wireless microphone comprises a power source module, said power source module being connected to one or more of the electrical contacts for supplying power to the interchangeable functional module fixed to the wireless microphone and/or

for receiving power from the interchangeable functional module fixed to the wireless microphone.